

*Quarantine, Health  
and Plumbing  
Regulations*

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**CITY OF TACOMA.**

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**Ordinances Relative Thereto.**

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Published by Authority of  
the City Council.

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**DECEMBER, 1898.**



# Ordinance No. 1343.

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AN ORDINANCE TO PROTECT THE PUBLIC HEALTH, TO PREVENT THE SPREAD OF CONTAGIOUS DISEASES, AND PRESCRIBING RULES AND REGULATIONS FOR THE BOARD OF HEALTH OF THE CITY OF TACOMA, PRESCRIBING A PENALTY FOR THE VIOLATION THEREOF AND REPEALING ORDINANCES NOS. 40 N. T., 80, 104, 155, 211, 384, 1,074, 1,314 AND 1,319.

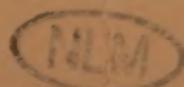
*Be it Ordained by the City of Tacoma:*

SECTION 1. That there is hereby created the office of commissioner of health of the City of Tacoma.

SEC. 2. That the commissioner of health shall be a practicing physician and surgeon.

SEC. 3. There is hereby established a board of health, consisting of the mayor, president of the city council, commissioner of health, chief of police and plumbing inspector.

SEC. 4. The board of health may, at any time it may deem it necessary, employ assistance to aid the commissioner of health in case of any contagious or infectious disease.



SEC. 5. It shall be the duty of every physician, every householder, every owner or occupant of any house, store, hotel, boardinghouse, stable, or any building, and any tenant in any building, wherein any person has diphtheria, smallpox, varioloid, scarlet fever, measles, whooping cough, chicken pox, cerebro spinal meningitis, typhoid fever, or any other contagious or dangerous disease or diseases, to give immediate notice to the commissioner of health in person or by writing, of the existence of such disease, particularly describing the place where the same exists. And whenever it shall come to the knowledge of the commissioner of health of the existence of any of the foregoing contagious diseases, it shall be his duty forthwith, when safe and practicable, if in his judgment the necessity of the case requires it, to cause such infected person to be removed to the pesthouse, and there properly provided for and taken care of. When, however, it is unsafe and impracticable to remove such person to the pesthouse, it shall be his duty, forthwith, at the expense of the house or place where such infected person or persons shall be, to give notice of the existence of such disease in such place by placing a green flag and a green card in case of diphtheria, with the word "diphtheria" in large letters on said card; and a scarlet flag and a scarlet card in case of scarlet fever, with the words "scarlet fever" in large letters on said card; and a yellow flag

and a yellow card in case of smallpox or varioloid, with the word "smallpox" in large letters on said card; and in all other cases a white flag where they may be seen by persons passing on the street near said premises. Said flags shall be eighteen inches wide and twenty-four inches long; and said cards shall not be less than five inches wide and fourteen inches long; and both said flags and said cards shall remain until such person shall have so far recovered that no danger of infection shall remain; and neither said cards nor flags shall be removed except by order of the board of health. There shall also be printed on all of said cards the following words: "This card shall not be removed except by order of the board of health."

SEC. 6. It shall be the duty of any person or persons owning, running, operating, or having charge of any hospital, private or public, to report immediately any death that may occur in said hospital, the cause of death and any other information about such deceased person as the board of health may deem requisite and necessary. Such report shall be made to such commissioner of health, whose duty it shall be to investigate the matter; and upon the request of any person, he may call together the board of health to investigate fully the cause of death, and in such case the city clerk shall make a record of all proceedings therein.

SEC. 7. The board of health shall have

the power to order the quarantine of any house and establish any pesthouse or hospital; and shall have the power to direct the commissioner of health to provide medical attendance, medicines, and nursing to any person sick with any contagious disease in any private residence or public house, when, in the opinion of such board of health, the public will be thereby better protected than by removing such sick person to the hospital.

SEC. 8. The commissioner of health shall, whenever in his opinion it becomes necessary to prevent the spread of smallpox, order any person or persons to be vaccinated; and any person or persons refusing or neglecting for three days to comply with such order, having it in their power to comply, shall be deemed guilty of a misdemeanor. Persons unable to pay the expense shall be vaccinated under the supervision of the commissioner of health, at the expense of the city. And for the purpose of carrying into effect the provisions of this ordinance the commissioner of health shall be authorized to enter any house or building of any kind within the city limits, and search the same.

SEC. 9. The commissioner of health shall cause all cases of Asiatic cholera or smallpox brought to his notice to be examined, and shall report the results of such examination to the board of health; and shall see that all persons

violating this ordinance for the preservation of public health are duly prosecuted.

SEC. 10. No person shall keep, or maintain, within the City of Tacoma, any public laundry or wash house where clothes or other articles are washed for hire, unless such public laundry or wash house is connected with the city sewer, or with any other underground sewer or outlet to tide water, by a good and sufficient underground drain.

SEC. 11. No compound, for food or drink shall be offered for sale or sold under any fictitious name, label or brand.

SEC. 12. It shall be the duty of said commissioner of health to inspect, when called upon to do so by any person, or when in his or the opinion of the board of health, or any of its members, it seems necessary, all provisions, meat, fish, fruit, vegetables, bread, flour, pork, whisky, beer, wine, milk, and water, and all liquors, and any and all things offered for sale in the city to be used as food or drink.

SEC. 13. Said commissioner of health shall have the right to enter, for the purpose of making such examination and inspection, any place or building where any of the articles enumerated in section 12 of this ordinance are kept for sale; and no person shall be permitted to sell or dispose of anything pronounced by said officer as

unfit to be used for food; and all such articles or things shall be seized and destroyed by said officer.

SEC. 14. That it shall be the duty of each and every practicing physician in the city to report in writing to the commissioner of health the death of any of his or her patients who may have died in said city of contagious or infectious diseases, within twenty-four hours thereafter, and to state in such report the specific name and type of such disease.

SEC. 15. Every physician, midwife, and other person who may professionally assist or advise at any birth, shall, within one week, make a report of such birth to the commissioner of health, and therein enter the time and place, ward and street, of such birth, and the sex and color of the child born, and the name and residence of each of the parents, so far as the foregoing facts can be ascertained. And every physician or professional adviser who has attended any person at a last illness, or has been present by request at the death of any person, shall, within thirty-six hours make a report to the commissioner of health of such death, stating the cause thereof and specifying the date, hour and place of such death. Proper blanks for the above shall be furnished by the commissioner of health. And at the end of each month, when the commissioner of health makes his report to the city

council, he shall transmit therewith all reports of births and deaths to the city clerk, who shall keep a record of the same.

SEC. 16. That no person shall, within the city, without a permit from the commissioner of health, carry or remove from one building to another, or from any vessel to the shore, any person sick of any contagious disease; nor shall any person by any exposure of any individual sick of any contagious disease, or of the body of such person, or by any negligent act connected therewith, or in respect of the care or custody thereof, or by a needless exposure of himself, cause or contribute to or promote the spread of disease from any such person or from any dead body.

SEC. 17. No persons, master, captain, or conductor in charge of any boat, vessel, railroad car, or public conveyance, shall knowingly bring into this city any person or persons diseased of cholera, smallpox, ship fever, or contagious or communicable disease whatsoever. No vessel, boat, railroad car, or public conveyance, at any time covered by proclamation of quarantine, shall pass by any quarantine station or place without stopping, nor shall leave the same without special permit from the commissioner of health; and no person stopping in said quarantine, or received therein, shall leave the same without first obtaining permission from the commissioner of health or attending physicians; nor shall any

person aid or abet any master, conductor, or person in charge of any boat, vessel, railroad car or public conveyance, in violating, neglecting or evading any provision or requirement of this ordinance; nor shall any person interfere with, resist, neglect, or refuse to obey the orders of any physician, health officer, police officer, or other person in authority at any quarantine station or place of quarantine; nor commit any breach of peace, nor do any act calculated in any way to defeat or interfere with the provisions or requirements of this section, or of any regulations of the said commissioner, physician, or officer in charge of any quarantine.

SEC. 18. That no person from any house where any person is sick or afflicted with any of the diseases named or provided for in section 5 of this ordinance, shall attend any school in this city until the recovery or death of said sick person; and said person must be provided with a certificate from the attending physician or the commissioner of health, certifying to their non-contagiousness, which statement must be presented to the principal or teacher of said school before said person will be allowed to return.

SEC. 19. It shall be the duty of all physicians, upon discovery of any contagious or infectious disease, to instruct the parents or guardians of any child or minor who may be residing at the infected premises, of the provisions of the above

section, and at once report such cases to the commissioner of health. And it shall be the duty of any principal or teacher of any school in this city, to report at once in writing any violation of the above section.

Sec. 20. That the commissioner, manager, principal or other proper head officer of each and every public or private institution in the city, keepers, lessees, tenants, and owners of hotels, boarding houses, lodging houses, shall, within six hours after the facts shall come to his or her or their knowledge, notify the commissioner of health in writing of the fact of any person lately from any steamboat, or vessel, being taken sick at any such house; and shall in such notice state where such sick person may be found, from what vessel and when he came, to the best of the knowledge of the person or persons giving such notice.

Sec. 21. That no principal or teacher of any school shall admit any child or minor who shall not have been vaccinated within seven years next preceding the admission or application for admission; nor shall any principal or teacher retain in or permit to attend any school any such child or minor who shall not have been so vaccinated.

Sec. 22. The evidence of such vaccination shall be a certificate signed by the commissione

of health or any physician duly licensed by the state board of examiners.

SEC. 23. The commissioner of health is hereby empowered to visit any and all public and private schools in the city, and to make or cause to be made, a reexamination of the children and minors in attendance therein, as often as he may deem necessary to secure compliance with the provisions hereof.

SEC. 24. Any principal or teacher of any school who shall violate any of the provisions of section 21 of this ordinance, or shall in any way prevent, or attempt to prevent, the commissioner of health from exercising the power conferred upon him by section 23 of this ordinance, shall, upon conviction, be liable to the penalty hereinafter prescribed.

SEC. 25. That upon the death or convalescence of any person or persons affected or sick with any disease named or provided for in section 5 of this ordinance, the commissioner of health shall at once cause the room or rooms used by, and those in the immediate vicinity of, said person or persons, together with the contents of said room or rooms, to be thoroughly disinfected, cleaned, fumigated, or whatever in his discretion may be deemed necessary in order to prevent a further spread of the disease, even in extreme cases to destroying said contents of

guid room. All this to be done at the expense of the owner; when he or she is able, and when he or she is not; then at the expense of the city.

SEC. 26. That no person or persons who have been affected or sick with any of the diseases named and provided for in section 5 of this ordinance, or who have been quarantined or isolated in any place within the jurisdiction of the city, shall be allowed to leave such place without the permission of the commissioner of health.

SEC. 27. Upon the death of any person affected or sick with any disease named or provided for in section 5 of this ordinance, the following regulations must be observed: The remains of said person must be thoroughly disinfected and exposed to the view of no one except those absolutely necessary in preparing the body for burial, and be placed in a hearse (but no other vehicle), which must not be accompanied by more than two vehicles, and shall be taken directly from the place of death to the place of burial within twenty-four hours.

SEC. 28. The burial of any person who may die of any of the diseases named or provided for in section 5 of this ordinance must take place within twenty-four hours after such death, and when practicable should take place in the night.

SEC. 29. That whenever any person shall die

within the City of Tacoma it shall be the duty of the physician attending such person during his or her last sickness, or of the coroner when the case comes under his official notice, to furnish and deliver to the undertaker, or other person superintending the burial of said deceased person, a certificate in writing duly signed, setting forth, as far as the same may be ascertained, the name, age, color, sex, nativity (giving state or country) occupation, whether married or single, cause, date and place of death (giving street and number), and duration of sickness of said deceased. And it shall be the duty of the undertaker or other person in charge of the burial of said deceased person, to forward said certificate, with a report of the place of burial, to the commissioner of health, within twenty-four hours after such death. Provided; that in case of death from any infectious or contagious disease, said certificate shall be so made and forwarded within twelve hours thereafter.

Sec. 30. That no interment or disinterment of the dead body of any human being, or disposition thereof in any tomb, vault, or cemetery, shall be made without a permit therefor granted by the commissioner of health of the City of Tacoma. And no sexton, undertaker, or other person shall bury, or cause to be buried, the body of any deceased person, except in such grounds as are now known and used as burial grounds, or such as shall hereafter be by law

designated and authorized to be used as such.

Sec. 31. That no dead body or part of the dead body of any human being shall be in any manner carried or conveyed from, in, to, or through the City of Tacoma by any person, or by means of any boat, vessel, car, stage, or other vehicle, or by any public or private conveyance, without a permit therefor first granted by the commissioner of health of said city; provided that the same effect may be given by the said commissioner of health to a burial or transit permit issued by the proper authority of any other place or jurisdiction when the death of the person named in the permit shall have occurred within such place or jurisdiction.

Sec. 32. That whenever a permit for burial is applied for in case of death without the attendance of a physician; or if it be impossible to obtain a physician's certificate, it shall be the duty of the commissioner of health to investigate the cause and circumstances of such death, to make and sign the certificate required by section 29 of this ordinance; and if not satisfied as to the cause and circumstances of such death, he shall refer the case to the coroner. It shall be the duty of the coroner, within three days after the taking of any inquest, to file a written statement with the said commissioner of health, properly signed and attested, stating so far as he is able, where and upon the body of whom such inquest

was held, and the cause and date and place of the death of such person.

SEC. 33. It is hereby declared unlawful for any person to take the remains of any one dead of any of the diseases named in section 5 of this ordinance, into any church or public building for the purpose of holding funeral services over the remains of such person.

SEC. 34. That no person shall suffer or permit any cellar vault, private drain, cesspool, privy, or sewer upon any premises belonging to or occupied by him or her, within the limits of the City of Tacoma, to become nauseous, offensive, or injurious to the public health.

SEC. 35. No distiller, tanner, brewer, soap boiler, tallow chandler, meat packer, dyer, livery stable keeper, housekeeper, or other person, shall disahrge out of, or permit to flow from his or their premises, any foul or nauseous liquors, slops, or substances whatever into any private ground, street, lane, or public ground within said city.

SEC. 36. No person shall deposit or leave, or cause to be left, or placed, or deposited in any part of said city, any dead animal or any animal or vegetable excrementative, or other substance, which is offensive, or which by process of decomposition may become offensive.

SEC. 37. If any person within the limits of

the City of Tacoma shall permit or suffer on his, her, or their premises, or on premises on which he, she, or they may be the occupant or occupants, any nuisance, either by exercising any unwholesome or offensive trade, calling, or business, or by having or suffering or permitting any building, outhouses, sewer, sink, or any putrid or unsound beef, pork, fish, hides, skins, or any carcass or any unwholesome substance, or anything whatever, to be or remain on premises of which he, she, or they shall be the owner or owners, occupant or occupants, until by offensive and ill stenches, or otherwise, they, or any of them, shall become offensive, hurtful, or dangerous to the neighborhood, it shall be the duty of the commissioner of health to give notice to such person or persons to remove such nuisances forthwith; and if the owner or owners, occupant or occupants, of premises on which such nuisance shall be situated, shall neglect or refuse to remove the same, for the space of twenty-four hours after such notice shall have been given, he, she, or they, upon conviction thereof before any justice of the peace having jurisdiction of municipal offenses, shall be liable to the penalty hereinafter prescribed, together with the expense of removing such nuisance and the cost of prosecution.

SEC. 38. If any person or persons shall, after notice as aforesaid, permit any such nuisance to remain, it shall be lawful for the commissioner

of health to remove and abate such nuisance, either by removing the putrefaction or by draining the premises, or by filling them up forthwith under the direction of the said commissioner of health; and the person or persons permitting the same to remain as aforesaid, shall, on conviction thereof, be liable to the penalty hereinafter prescribed.

SEC. 39. It shall be the duty of the chief of police to cause to be executed all orders of the commissioner of health, so far as they relate to the preservation of the health of the city, or whenever requested to do so by the commissioner of health.

SEC. 40. It shall be the duty of every policeman of the City of Tacoma to report promptly at the office of the commissioner of health any violation of the rules of the board of health of the City of Tacoma that may become known to him while on duty; and he is authorized to cause its abatement.

SEC. 41. It shall constitute and is hereby declared a nuisance for any person to erect or maintain a privy as near as thirty feet to any street, dwelling, shop or well, unless the same be furnished with a substantial vault six feet deep, and made water tight, so that the contents cannot escape therefrom and sufficiently enclosed. All privies not so constructed are hereby declared

nuisances, and may be summarily abated by the board of health.

SEC. 42. In all cases where a nuisance shall be found in any building or upon any ground or other premises within the jurisdiction of the city, twenty-four hours' notice may be given in writing, signed by the commissioner of health, to the owner or occupant of such building or other premises, where he is known and can be found, to remove such nuisance; and in case of neglect or refusal to abate the same in accordance with such notice, he shall be chargeable with the expenses which may be incurred in the removal thereof, to be collected by suit or otherwise, in addition to the fine or penalty hereinafter mentioned.

SEC. 43. That no pile or deposit of manure, offal, or garbage, nor accumulation of any offensive or nauseous substance, shall be made within the limits of the city; nor shall any person or corporation unload, discharge, or put upon or along the line of any railroad, street, alley, or highway, or public place, within said city, any manure, offal, garbage, or other offensive or nauseous substance; nor shall cars or flats loaded with or having upon them any such substance or substances be allowed to remain or stand on or along any railroad, street, or highway within the limits of said city, within three hundred yards of any inhabited dwelling. All manure vaults

attached to stables, or all deposits of manure therewith connected, shall be so cared for by owners of such stables as in no case to become a nuisance.

SEC. 44. That no manure, garbage, offal, or any vegetable or animal matter or nauseous substance detrimental to health shall be dumped or deposited at any place within the limits of the City of Tacoma, except by special permit from the board of health.

SEC. 45. Every tenement or lodging house shall have the proper and suitable conveniences or receptacles for receiving garbage and other refuse matter. No tenement or lodging house, nor any portion thereof, shall be used as a place of storage of any article dangerous or detrimental to health.

SEC. 46. In all cases where no provision is herein made defining what are nuisances, and how the same may be removed, abated, or prevented, in addition to what may be declared such herein, those offenses which are known to the common law of the land and the statutes of the State of Washington as nuisances may, in case the same exist within the city limits or within one mile thereof, be treated as such and proceeded against as in this ordinance provided, or in accordance with any other law which shall give the officer trying the same jurisdiction.

SEC. 47. It is hereby made the duty of the owners of property to keep all privy vaults on property owned by them clean, and to clean them promptly whenever notified to do so by the commissioner of health; and any expense incurred in cleaning vaults shall be paid by the owner of the property, or his agent; and all dispute between owners and tenants shall be adjusted between themselves, the city looking to the owner for any expenses incurred by reason of such cleaning.

SEC. 48. That every person being the owner, lessee, or occupant of any room, stall, or place where any meat, fish, or vegetables, designed or held for human food, shall be stored or kept, or held, or offered for sale, shall put and keep such place and its appurtenances in a cleanly and wholesome condition; and every person having charge of, or interested or engaged (whether as principal or agent) in, the care of or sale of any meat, fish, birds, fowls, or vegetables, or other article of food whatever, whether in its natural state or manufactured, shall put and preserve the same in a cleanly and wholesome condition, and shall not allow the same, or any part thereof, to be poisoned, infected, or become unsafe or unwholesome.

SEC. 49. That it shall be the duty of every person knowing of any fish, meat, or fowl, bird or vegetable, or other substance being bought

sold, or offered for sale, as food for human beings, or being in market, public or private, in said city, not being sound, healthy, or wholesome for food, to report forthwith such fact, and the particulars thereof, to the board of health, or to one of its officers.

SEC. 50. That no animal shall be killed for human food in an overheated, feverish, or diseased condition. All diseased cattle or hogs in the City of Tacoma shall at once be reported to the commissioner of health by the owner or custodian thereof.

SEC. 51. Whenever the attention of the commissioner is called to the water from any well or cistern or spring or other source of supply in the city of Tacoma which, after a careful examination by said commissioner of health, or by qualified examiners, is found to be impure, contaminated, and unfit for drink, it shall be the duty of the commissioner of health to serve, or cause to be served, on the owner of the property, a notice, in writing, that such water shall be no longer used for drinking purposes. And it is hereby made the duty of the board of health to order the closure, filling up, or destruction of any well or cistern, or other source of supply, whose waters, after a careful examination, are found to be impure. And when such steps are taken by said board of health, any tenant, owner, agent, or any other individual who resists, opposes, or

attempts in any way to interfere with said work of the board of health, or resists any properly authorized officer in the discharge of his duty, shall be subject to the penalties hereinafter stated.

SEC. 52. That whenever the commissioner of health ascertains that there are on board any vessel any infectious or contagious diseases liable to be communicated to the inhabitants of the City of Tacoma, he shall order a quarantine of said vessel, and shall cause the same, and all passengers thereon, to be quarantined until it is safe for them to land; and he shall take such other steps in that regard as will effectually prevent any contagious or infectious disease from reaching the City of Tacoma through such sources.

SEC. 53. The board of health shall be empowered, whenever in their opinion it shall appear proper and conducive to public health, to cause all people arriving at the city, by any vessel from foreign ports, to be vaccinated, who are unable to prove they have been vaccinated within the last five years; and for the purpose of carrying into effect the provisions of this section, no boat or vessel from any foreign port shall be allowed to land until first receiving a permit from the commissioner of health; and any captain of any such vessel shall, upon conviction of violating this section, be fined in any sum not

exceeding three hundred dollars. Provided however, this section shall apply only in case the board of health determine the necessity of causing such vaccination to be made; in which case proper notice shall be given by due publication of such intention in the paper doing the city printing.

SEC. 54. Any person who shall remove, transfer, or transport, through any of the public streets of the City of Tacoma, any swill or garbage, except it be in a tightly covered box or apparatus, or in such manner as will prevent the contents thereof from being deposited in the public streets, except in case of accident, or from being exposed in the open air during its transportation, shall be deemed guilty of a misdemeanor, and upon conviction thereof shall be fined as provided in section 53 of this ordinance.

SEC. 55. Any notice provided for in this ordinance to be given or served by the commissioner of health may be given or served by his deputy in like manner, and with the same force and effect as if the same were signed by the said commissioner of health.

SEC. 56. That any person who violates, disobeys, omits, neglects, or refuses to comply with, or who resists any of the provisions of this ordinance, or who refuses or neglects to obey any of the rules, orders, or sanitary regulations of the board of health, or who omits, neglects, or re-

fuses to comply with any order or special regulation of said board, or resists any properly authorized officer in the discharge of his duty, shall, upon arrest and conviction before any justice of the peace having jurisdiction of municipal offenses, be subject to a fine not exceeding one hundred dollars, nor less than twenty-five dollars, for each offense, together with the costs of prosecution.

Sec. 57. That ordinances Nos. 40 N. T., 80, 104, 155, 211, 384, 1,074, 1,314 and 1,319 be and the same are, each and all hereby repealed.

Passed, October 20, 1898.

**P. D. NORTON,**

President of City Council.

Attest: L. W. Roys, City Clerk.

Approved, October 21, 1898.

**JOHNSON NICKEUS, Mayor.**

# Ordinance No. 1350.

AN ORDINANCE REGULATING THE PLUMBING, VENTILATION AND DRAINAGE OF BUILDINGS, AND PROVIDING FOR THE LICENSING AND REGISTRATION OF PLUMBERS, AND REPEALING ORDINANCES NUMBERED RESPECTIVELY 72, 149, 215, 293, 393, 1172, 1320, 1324, AND 1326.

*Be it Ordained by the City of Tacoma:*

SECTION 1. No person shall hereafter move a building from one part of the city to another, erect or cause to be erected or converted to a new purpose by alteration, any building or structure, or change the construction of any building by addition or otherwise, so that it, or any part thereof, shall be inadequate or defective in respect to plumbing, ventilation, sewerage, or any other usual, proper, or necessary provisions or precautions for the security of life or health. Nor shall any owner, lessee, tenant, or occupant of any building or structure cause or allow any matter or anything to be done, in or about any such building or structure, dangerous or prejudicial to life or health.

SEC. 2. That any person, firm, or corporation now, or that may hereafter be engaged in or

working at the business of plumbing in the city of Tacoma, either as a master or employing plumber, or as a journeyman plumber, shall first secure a license therefor.

SEC. 3. Any person or persons desiring to engage in or work at the business of plumbing, either as a master or employing plumber, or as a journeyman plumber in the city of Tacoma, shall apply to the Board of Health for a license so to do. Said application or applications, when so received, shall be referred to the Board of Examiners hereinafter provided for, who shall, at a certain time and place to be designated by them, proceed to examine such applicant or applicants as to his or their qualifications for such business.

SEC. 4. The said Board of Examiners shall consist of the president of the board of health, the inspector of plumbing, and three members who shall be practical plumbers (two shall be master plumbers and one shall be a journeyman plumber). The president of the board of health and the inspector of plumbing shall be members ex-officio of said board, and shall serve without compensation. Said three members shall be appointed by the board of health.

SEC. 5. Said board of examiners shall, within ten days after the appointment of said members, meet and organize by the selection of a chairman, and shall designate the time and place for

the examination of any applicant or applicants desiring to engage in or at the business of plumbing. Said board shall examine said applicant or applicants as to his or their practical knowledge of plumbing, house drainage and plumbing ventilation; and, if satisfied of the competency of the applicant or applicants, shall so certify to the board of health. Said board shall thereupon issue a license to such applicant or applicants, authorizing him or them to engage in or at the business of plumbing, either as a master or employing plumber, or as a journeyman plumber. In case a firm or corporation, the examination or licensing of any one member of such firm, or of the manager of such corporation, shall be sufficient to enable it to carry on said business.

SEC. 6. No plumbing work shall be done in the city of Tacoma; except in case of repairs or leaks, without a permit being first issued therefor, upon such terms and conditions as said board of health shall prescribe. And when such plumbing work involves or necessitates the obstruction of a street or alley, tearing up sidewalks, or disturbing the surface of streets or alleys, a permit shall also be obtained from the commissioner of public works therefor.

SEC. 7. That the fee for a license for a master or employing plumber shall be five dollars (\$5), and for a journeyman plumber, one dollar (\$1),

payable in advance at the time of receiving said license. Said license shall be valid and have force for the period of one year, and the same shall be renewed upon application upon the payment of one dollar (\$1).

SEC. 8. All money derived from the issuance of licenses as herein provided shall be paid over monthly to the city treasurer, who shall duly receipt therefor, and the same shall be placed to the credit of the plumbing license fund, which is hereby created, the same to be expended in paying the expenses of holding examinations of plumbers, and other necessary expenses of the board of health in connection therewith.

SEC. 9. The license of any master or journeyman plumber may by at any time revoked for incompetency, dereliction of duty, or other sufficient causes, after a full and fair hearing, by a majority of the examining board; but an appeal may be taken from said examining board to the state board of health.

SEC. 10. All material used in the construction of drains, pipes or other structures shall be of good quality and free from defects, and the work must be executed in a thorough and workman-like manner.

SEC. 11. Drain, main, waste, and soil pipes, through which water and sewerage is used and carried, shall be of cast iron, wrought iron, brass,

or lead, when within a building. They shall be sound, free from holes and other defects. They shall be securely ironed to walls, laid in trenches of uniform grade, or suspended to floor timbers by strong iron hangers. They shall have a proper fall of not less than one-quarter inch per foot toward the drain or sewer. Vertical soil pipes shall be carried out through the roof, open and undiminished in size. No soil pipe shall be carried to a height not less than one foot above the highest part of the roof. Changes in directions shall be with regular fittings and connections with horizontal soil or waste pipe shall be made with Y. branches.

SEC. 12. All joints on vitrified terra cotta pipe shall be made with equal parts of best Portland cement and clean, sharp sand, and as each joint is laid it shall be carefully cleansed on the inside.

SEC. 13. All cast iron pipes must be sound and free from holes; and in all buildings the three upper stories can be pipe of standard weight; the lower portions must be extra heavy. All joints on cast iron pipe must be made with a suitable packing of picked oakum run full of molten lead, and thoroughly calked to prevent the escape of sewer gas.

SEC. 14. Every house or building hereafter connected with the sewers, must have the house

drain constructed of cast or wrought iron, and it must extend three feet outside of property line, and must have a fall of at least one-quarter of an inch to the foot. It should run along the cellar wall where practicable; or if laid under the lower floor of a building, should be hung in iron straps securely fastened to the floor joists. It shall be laid in as straight a line as possible. All changes in directions must be made in curved pipes and all connections with X branches and one-eighth bends.

SEC. 15. No brick, sheet metal or earthenware flue shall be used as a sewer ventilator; nor shall any chimney flue be used for that purpose; and the terminals for all vents must be at least five feet from all flues, water tanks, or air shafts; and in no case shall they terminate at a lower distance than five feet above the gutters, windows, or other openings.

SEC. 16. All wrought iron pipes and fittings used for vents must be galvanized.

SEC. 17. All connections of lead with iron pipe must be made with a brass ferrule of the same size as the lead pipe, and caulked and screwed into the iron pipe, and connected with the lead pipe by a wiped joint.

SEC. 18. Every sink, bath tub, basin, water closet, urinal, wash trays, and every fixture having a waste pipe, shall be separately and inde-

pendently trapped with a water sealing trap placed as near the fixtures as practicable. Traps shall be protected from siphonage and air pressure by a special air or vent pipe, which shall be of a size not less than the waste pipe up to and including two-inch waste pipe; and when the waste pipe is over two-inch in size, no vents less than two-inch shall be used. No trap shall be placed at the foot of a vertical soil or waste pipe.

SEC. 19. The system known as "venting in the rough" will only be allowed on vertical waste pipes, and not more than three feet of waste pipe will be allowed between trap and said vertical pipe. The top fixture of any vertical line of soil or waste pipe may not be back vented, provided said fixture has not more than three feet of waste or soil pipe. When a water closet has no other fixtures above, a fixture may connect not higher than one foot above said water closet connection; and if it has no more than three feet of waste pipe, and not larger than one and one-half inches, it will not be necessary to "back-vent" it.

SEC. 20. All water closets and slop hoppers must be supplied with water. Water closets must never be placed in an unventilated room or compartment. In every case the compartment must be open to the outer air or be ventilated by means of a shaft or air duct at least six inches in diameter and as near ceiling as possi-

ble. All the water closets within the house must be supplied with water from special tanks or cisterns, the water of which is not used for any other purpose. Interior water closets must never be supplied directly from the city supply pipes. A group of closets may be supplied from one tank; but water closets on different floors are not permitted to be flushed from one tank.

SEC. 21. All supply pipes for water closets shall be galvanized iron, brass, or lead, and shall not be less than one-half an inch in diameter.

SEC. 22. Where two fixtures connect into one vent, such a connection shall be made with out less than one and one-half inch pipe; and for three fixtures not less than two-inch pipe; and for a water closet not less than two-inch pipe for forty feet or less; and three-inch pipe may be used for any height above that of forty feet; provided that vent pipes for three or more fixtures with waste three or four inches in diameter shall not be less than three-inch for twenty feet or less; over twenty feet, four inch. Vent pipes shall be run as straight and as direct as practicable, and with a grade to avoid trapping by cendensation; but in all cases where vent pipes connect to soil pipes, such connection shall not be less than two feet aboye the highest fixture. Vent pipes may be run out separately through the roof.

SEC. 23. Every safe under a basin, bath,

water closet, tank or other fixture, except urinal, shall be drained by a special pipe of lead or iron not less than one inch in size and not directly connected with any soil pipe, waste pipe, drain, or sewer, and shall, when practicable, be made to discharge outside the house. All urinal safes shall be of the same material and must be discharged into an open trapped hopper that is supplied with water where practicable.

SEC. 24. The terminals of all vent pipes must be at least five feet from any chimney, air shaft or window; and in the case of a window, said vent pipe must be at least three feet above said window of house or building it serves. Where one building is attached to or joins another of greater height, having windows or openings overlooking the lower building, the terminals of all soil or vent pipes of the lower buildings must be at least twelve feet distant from said windows or openings, or may be carried up above the eaves or fire wall of the higher building undiminished in size.

SEC. 25. No steam exhaust or rain water pipe will be allowed to connect with any drain, soil or waste pipe.

SEC. 26. All soil, waste, air and drain pipes inside of buildings before being covered up must have all openings stopped up and be filled with water; the said test shall be made in the presence of the inspector of plumbing; and if satisfactory,

he shall issue a proper certificate, when the work can be covered up.

SEC. 27. Vent pipes outside of water closets shall be not less than one and one-quarter inches for fifteen feet, one and one-half inches for twenty-five additional feet, two inches for forty additional feet, and three inches for sixty additional feet. Plumbing work shall not be used unless the same has been tested by the inspector with smoke, water, ether, or peppermint, and by him found satisfactory; and he shall be notified in writing by the plumber when the work is sufficiently advanced for inspection; and he shall inspect all work within sixteen working hours after such notification. Where special fixtures or traps are required by owners or architect, that do not conform to the provisions of this ordinance, a special permit may be issued by the inspector of plumbing, if, in his judgment, the conditions demand the use of such fixtures or traps.

SEC. 28. No waste pipe from a refrigerator or other receptacle in which provisions are stored, shall be connected with any drain, soil or waste pipe. Such waste pipe shall be so arranged as to admit of frequent flushing, and shall be as short as possible; and when impracticable to run to an open fixture, it may discharge outside in sight. The overflow pipes from tanks shall discharge into an open fixture properly trapped or in roof gutter.

SEC. 29. A trap will be considered unsealed when it shows a water seal less than two and one-half inches in depth.

SEC. 30. No person shall throw or deposit, or cause to be thrown or deposited, in any vessel or receptacle connected with the public sewer, any garbage, vegetable parings, ashes, cinders, rags, or any other thing whatsoever, except faeces, urine, necessary water closet paper, and liquid house slops; or allow any drain to be connected with any privy vault or cesspool, or underground drain, or with any channel conveying water or filth, excepting the soil pipes and plumbing of the house or buildings as hereinbefore provided.

SEC. 31. The connection with all sewers must be made even at the inside surface in a workmanlike manner; and where a length of pipe or drain has been left in the sewer, it shall be made perfectly tight with good cement. The street must be opened and the paving and earth deposited in a manner that will occasion the least inconvenience to the public, and provide for the passage of water along the gutters; one-half of the street must be left clear for the passage of vehicles, and bridgeways provided on the sidewalks for foot passengers. In refilling the trench the earth must be laid in layers not more than six inches in depth, and each layer wetted and tamped to prevent after settlement. The pav-

ing, flagging and sidewalks are to be restored to at least as good condition as previous to the excavation, and all rubbish and surplus earth to be immediately removed.

SEC. 32. Drain pipes must have a fall of at least one-quarter inch to the foot. Where it runs under the sidewalk it must be at least two feet below stringer of said sidewalk. Drains of a greater depth than ten feet may be run up on a quick grade to within three feet of permanent grade of street or alley at the property line; and where the property is located some distance above the grade of street, one-eighth bend may be used, and it will not be necessary to keep it more than two feet from surface, provided a fall of one-quarter inch to the foot can be obtained. Six inch pipe must be used from main sewer to property line.

SEC. 33. Whenever any drain connected with any public sewer or drain becomes obstructed, broken or out of order, or detrimental to the use of the sewer or drain, or unfit for the purpose of drainage, the owner, agent, occupant, or person having charge of any building, yard, lot of land or other premises, which are drained by said drain or sewer, shall, when directed by the inspector of plumbing, remove, reconstruct, alter, clean, or repair said drain, as the condition of said drain may require.

SEC. 34. No privy, vault or cesspool shall

hereafter be constructed in any part of the city where a sewer is at all accessible.

SEC. 35. It shall be the duty of any plumber or other person or persons interested in the plumbing work, after the completion of said plumbing work, and before any of said plumbing is covered up in any building or buildings or on the premises connected with said building or buildings, to notify in writing the inspector of plumbing that said building or buildings or other premises are ready for inspection; and it shall be unlawful for any plumber or other person or persons to cover up or in any way conceal such plumbing work in or about said building or buildings, until the inspector approves of the same.

SEC. 36. The inspector of plumbing shall have the power in all cases where there is a public sewer in any street or alley, to cause any owners of land upon or adjoining such street or alley, his agent or tenant, to make a sufficient drain and proper sewer connection from his or her house, yard or lot, closet and premises, whenever in his opinion the same may be necessary; and he shall thereupon give such owner, agent, tenant, or person occupying such premises notice in writing, specifying the time when such drain and sewer connections must be completed; and if said owner, agent, or tenant neglects to complete the same within the time specified, and in addi-

tion to the penalties imposed for the violation of any of the provisions of this ordinance, the inspector of plumbing shall cause it to be done, and shall recover the whole amount of the expense thereof, together with ten per cent damages, by an action in the name of the city of Tacoma before any court having jurisdiction thereof, of said owner or persons occupying the same premises, who shall be severally and jointly liable therefor.

SEC. 37. Master plumbers, at the time of receiving a license, shall file a bond, in the office of the inspector of Plumbing, in the sum of one thousand dollars (\$1,000), with one or more sureties, to be approved by the mayor, for the protection of the city in case of damages resulting from opening any sewers or streets.

SEC. 38. Any sewer builder or plumber obtaining a permit to make connections with city sewers shall save harmless the city of Tacoma from all suits, accidents, and damages consequent thereupon for or by reason of any opening in any street, alley, or avenue made by him, or by those in his employment, for making connection with any public or private sewer, or for any other purpose or object whatever; and that he will also replace and restore the street over such opening to as good a state and condition as he found it; keep guards by day and light by night, and keep and maintain the same in good order,

to the satisfaction of the inspector of plumbing for his acceptance.

SEC. 39. Every tenement, lodging house or building shall be provided with one water closet for every ten rooms or less, and one additional water closet for every additional ten rooms or less. Improved privy sinks may be used in factories as the inspector of plumbing shall require, but in no case shall water closets be located in the sleeping apartments of any building.

SEC. 40. All master plumbers shall be held responsible for all acts of their agents or employes done by virtue of his or their license. No license shall be granted for more than one year, or the unexpired portion thereof. All licenses shall expire on the last day of December of each year, unless sooner revoked.

SEC. 41. It shall be the duty of any architect or architects, builder or builders, or other person or persons interested in any projected tenement, lodging house, or other place of habitation in the city of Tacoma, to submit plans and specifications of any such building or buildings to the inspector of plumbing of said city, that the inspector may examine said plans and specifications for his approval or rejection, as to the proposed plan for ventilation of water closets and sewers under buildings, and generally the plan of drainage and plumbing.

SEC. 42. The inspector of plumbing, or his duly authorized agents, shall have the right to enter upon the premises drained by any house drain and connected with any public sewer at all reasonable hours, to ascertain whether the provisions of this or any ordinance in regard to house drains have been complied with; and if he shall find that said drain or its attachments do not conform to the provisions of law in regard thereto, he shall notify the owner of said premises, or his agent of the fact. It shall thereupon be the duty of said owner or his agent to cause said drain or its attachments to be so altered, repaired, or reconstructed as to make them conform to the requirements of law in regard thereto within fifteen days from the time of receiving such notice.

SEC. 43. Any person violating any provision of this ordinance shall be deemed guilty of a misdemeanor and upon conviction thereof shall be fined not less than five dollars (\$5) nor more than fifty dollars (\$50) for each and every violation thereof; and upon failure to pay the same shall be imprisoned in the city jail one day for every two dollars (\$2) of such fine.

SEC. 44. That ordinances numbered respectively 72, 149, 215, 293, 303, 1172, 1320, 1324, and 1326 be each and all repealed, and they are hereby repealed.

Passed November 17, 1898.

P. D. NORTON,  
President of City Council.

Attest:

L. W. Roys, City Clerk.

Approved November 18, 1898.

JOHNSON NICKEUS,  
Mayor.